

Please type a plus sign (+) inside this box → +

11-18-03

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
Application Number		to be assigned 10/7/15, 913			
Filing Date		11/18/2003			
First Named Inventor		Robert H. Johnson, Jr.			
Group Art Unit		3742			
Examiner Name		QVAN			
Attorney Docket Number		JOH 004 N4			
Sheet	1	of	5		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
RV	1	2087480		Pitman	07/20/1937	
RV	2	2393541		Kohler	1/1946	
RV	3	2760243		Korb	8/1956	
RV	4	3391846		White	07/09/1968	
RV	5	3395261		Leatherman et al.	7/1968	
RV	6	3461014		James	08/12/1969	
RV	7	3462336		Leatherman	8/1969	
RV	8	3477961		Castagna	11/1969	
RV	9	3507735		Chisholm	4/1970	
RV	10	3528867		Leatherman et al.	9/1970	
RV	11	3574031		Heller, Jr. et al.	4/1971	
RV	12	3620875		Guglielmo, Sr.	11/16/1971	
RV	13	3620876		Guglielmo, Sr.	11/16/1971	
RV	14	3657038		Lightfoot	4/1972	
RV	15	3709775		James	1/1973	
RV	16	3730804		Dickey	5/1973	
RV	17	3816574		Heller, Jr. et al.	6/1974	
RV	18	3900360		Leatherman	8/1975	
RV	19	3902940		Heller, Jr. et al.	9/1975	
RV	20	3941641		Heller, Jr. et al.	03/02/1976	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Office ³	Number ⁴	Kind Code ² (if known)				

Examiner Signature	Date Considered
RV	4/15/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

11/18/03

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet

2

Of

5

Complete if Known

Application Number

~~to be assigned~~ 12/7/5, 913

Filing Date

11/18/2003

First Named Inventor

Robert H. Johnson, Jr.

Group Art Unit

3742

Examiner Name

Q VAN

Attorney Docket Number

JOH 004 N4

U.S. PATENT DOCUMENTS

[illegible]

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

11/18/03

+

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitution for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known Application Number <u>to be assigned 0/715</u> Filing Date <u>11/18/2003</u> First Named Inventor <u>Robert H. Johnson, Jr.</u> Group Art Unit <u>3742</u> Examiner Name <u>CS VAN</u> Attorney Docket Number <u>JOH 004. N4</u>	
Sheet	3	of	5		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code‡ (if known)			
AV	31	5313034		Grimm et al.	05/17/1994	
AV	32	5338497		Murray et al.	08/16/1994	
AV	33	5340428		Kokokian	08/23/1994	
AV	34	5352517		Clough et al.	10/04/1994	
AV	35	5357085		Sturman, Jr.	10/18/1994	
AV	36	5378879		Monovoukas	01/03/1995	
AV	37	5406055		McGaffigan et al.	04/11/1995	
AV	38	5412185		Sturman, Jr. et al.	05/02/1995	
AV	39	5447592		Berce et al.	09/05/1995	
AV	40	5481091		Grimm et al.	01/02/1996	
AV	41	5483043		Sturman, Jr. et al.	01/09/1996	
AV	42	5508496		Hansen et al.	04/16/1996	
AV	43	5529708		Palmgren et al.	06/25/1996	
AV	44	5538581		Gallant	07/23/1996	
AV	45	5550511		Hansen et al.	08/27/1996	
AV	46	5571436		Gregg et al.	11/05/1996	
AV	47	5624594		Matsen et al.	04/29/1997	
AV	48	5641422		Matsen et al.	06/24/1997	
AV	49	5683608		Matsen et al.	11/04/1997	
AV	40	5248864		Kodokian	09/28/1993	

[illegible]

Examiner Signature	<i>AB</i>	Date Considered	4/15/04
-----------------------	-----------	--------------------	---------

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	to be assigned 10/715,913
Filing Date	11/18/2003
First Named Inventor	Robert H. Johnson, Jr.
Art Unit	3742
Examiner Name	R VAN
Attorney Docket Number	JOH 004 N4

Sheet	4	of	5
-------	---	----	---

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date
Considered

4/15/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Please type a plus sign (+) inside this box → +

Approved for use through 10/31/99, OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
Sheet	5	of	5
		Application Number	to be assigned 10/7/15, 913
		Filing Date	11/18/2003
		First Named Inventor	Robert H. Johnson, Jr.
		Group Art Unit	3742
		Examiner Name	RVAN
		Attorney Docket Number	JOH 004 N4

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RW	1	Database WPI, Section Ch, Week 8826, Derwent Publications Ltd., London, GB; Class A81, AN88-180172, XP002073393, & JP 63 118 391 (Abstract)	
RW	2	Database WPI, Section Ch, Week 8642, Derwent Publications Ltd., Longdon, GB; Class A92, AN 86-276603 AP002073394, JP 61 203 302 (Abstract)	
RW	3	Database WPI, Section Ch, Week 8913, Derwent Publications Ltd., London, GB; Class A23, AN 89-096249 XP002073395, JP 01 043 583 A (Abstract)	
RW	4	Database WPI, Section Ch, Week 9321, Derwent Publications Ltd., London, GB; Class A35, AN93-172287, XP002073396 & JP 05 104 637 A (Abstract)	

Examiner Signature		Date Considered	4/15/04
-----------------------	--	--------------------	---------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.